

ID AAF93785 standard; cDNA; 1821 BP.

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AC AAF93785;

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DT 23-MAY-2001 (first entry)

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DE Human cDNA encoding a membrane or secretory protein clone PSEC0086.

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KW Human; secretory protein; membrane protein; vaccine; gene therapy;
KW rheumatoid arthritis; diabetes; ss.

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OS Homo sapiens.

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PN EP1067182-A2.

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PD 10-JAN-2001.

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PF 07-JUL-2000; 2000EP-0114090.

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PR 08-JUL-1999; 99JP-0194179.

PR 11-JAN-2000; 2000JP-0118775.

PR 02-MAY-2000; 2000JP-0183766.

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PA (HELI-) HELIX RES INST.

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PI Ota T, Isogai T, Nishikawa T, Kawai Y, Sugiyama T, Hayashi K;

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DR WPI; 2001-093989/11.

DR P-PSDB; AAB88358.

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PT Nucleic acids encoding secretory proteins/membrane proteins, useful in
PT gene therapy or as candidate target molecules in drug development -

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PS Claim 1; SEQ ID 83; 609pp + CD ROM; English.

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CC This invention relates to nucleic acid sequences AAF93744 - AAF93916
CC which encode human secretory or membrane proteins represented by
CC AAB88317 - AAB88419. Included in the invention are primers
CC AAF93917 - AAF94295 and AAF62232 - AAF62235 which are used to isolate the
CC cDNA sequences of the invention. The invention also includes methods for
CC the production of antibodies directed against the proteins, and cDNA
CC sequences, which can be used in vaccines. The polynucleotide sequences
CC can be used in gene therapy. The polynucleotide sequences and the
CC proteins they encode may be used in the prevention, treatment and
CC diagnosis of diseases associated with inappropriate secretory
CC protein/membrane protein expression. The nucleic acids and complementary
CC sequences may also be used as DNA probes in diagnostic assays
CC (e.g. polymerase chain reactions (PCR)) to detect and quantitate the
CC presence of similar nucleic acid sequences in samples. They may also be
CC used to study the expression and function of secretory proteins/membrane
CC polypeptides and their role in metabolism. The polypeptides may be used
CC as antigens in the production of antibodies against them and in assays to
CC identify modulators (agonists and antagonists) of expression and
CC activity. The antibodies and antagonists may also be used as therapeutic
CC agents to down regulate expression and activity. The antibodies may also
CC be used as diagnostic agents for detecting the presence of the
CC polypeptides in samples (e.g. by enzyme linked immunosorbant assay
CC (ELISA). Examples of diseases which may be treated include rheumatoid
CC arthritis and diabetes.

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SQ Sequence 1821 BP; 366 A; 561 C; 489 G; 405 T; 0 other;

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XP-002226123

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23-05-2001

1-2 = 2

cited in the European Search
Report of EP00063041.9
Your Ref.: PH-1067182-EP

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